

FORM PTO-1390
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
P/62322TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/517671

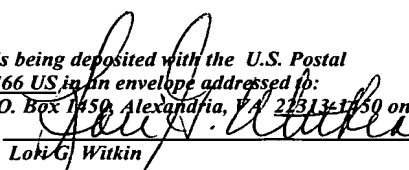
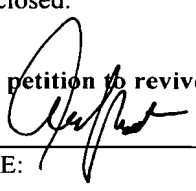
INTERNATIONAL APPLICATION NO.
PCT/GB03/02508INTERNATIONAL FILING DATE
June 11, 2003PRIORITY DATE CLAIMED
June 11, 2002

TITLE OF INVENTION MAXIMISING POWER IN OPTICAL COMMUNICATION NETWORKS

APPLICANT(S) FOR DO/EO/US Harry Richard CLARINGBURN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
 4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
 - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
 8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 20 below concern document(s) or information included:**
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included and fee.
 13. ☒ A **FIRST** preliminary amendment.
 14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
 15. ☐ A substitute specification.
 16. ☐ A change of power of attorney and/or address letter.
 17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
 18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
 19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
 20. ☒ Other items or information: **Receipt Acknowledgement Postcard**

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|--|--------------|---|------------|---|----|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.49) 10/517671 | | INTERNATIONAL APPLICATION NO. PCT/GB03/02508 | | ATTORNEY'S DOCKET NUMBER P/62322 | |
| 21. <input checked="" type="checkbox"/> THE FOLLOWING BASIC NATIONAL FEES ARE SUBMITTED: | | | | | |
| <input checked="" type="checkbox"/> Basic National Stage Fee.....\$300.00 <input checked="" type="checkbox"/> National Stage Search Fee.....\$500.00 <input checked="" type="checkbox"/> National Stage Examination Fee.....\$200.00 | | | | | |
| <input type="checkbox"/> National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets.....\$250.00 | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$1,000.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 | | | | \$0.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 23 - 20 = | 3 | x \$50.00 | \$150.00 | |
| Independent claims | 2 3 = | 0 | x \$200.00 | \$0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,150.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$0.00 | |
| SUBTOTAL = | | | | \$1,150.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30 | | | | \$0.00 | |
| TOTAL NATIONAL FEE = | | | | \$1,150.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$1,150.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1,150.00 to cover the above fees is enclosed and Assignment recordal. | | | | | |
| b. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1145 . A duplicate copy of this sheet is enclosed. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C. 489 Fifth Avenue New York, New York 10017 (212) 697-3750 | | | | | |
| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail No. EV 659 644 466 US in an envelope addressed to: Box: PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on: December 9, 2004 (date) | | | | | |
|  Lori G. Witkin | | | | | |
| SIGNATURE:  Alan Israel NAME 27,564 REGISTRATION NUMBER | | | | | |